

## PATHWAYS AND MORRISON REPORT CHALLENGES MATRIX

MORRISON REPORT CHALLENGES	POSSIBLE SOLUTION	CHAMPION
Lack of Data	Integrate a Statewide Longitudinal Data Collection System to measure CTE student performance and outcomes into the current state initiative to implement a comprehensive statewide data system for all of education.	Arizona Department of Education
Funding Cuts	Expand the initial research done by the Morrison Institute on the impact of CTE on student secondary attendance, retention and post-secondary career and college success. These outcomes documented could serve as the basis for restoring funding cuts to ninth grade CTE and expanding funding for CTE in the future.	Morrison Institute – Arizona’s Educational Foundations are a potential source of funding for this expanded research
Absence of Embedded Credit Courses and Highly Qualified Teaching Requirement	<ol style="list-style-type: none"> <li>1. Establish a rigorous process for determining which CTE programs have embedded academic credit.</li> <li>2. Provide for the acceptance of academic credit earned through CTE in the state’s community colleges and universities.</li> <li>3. Provide alternate means for CTE teachers to demonstrate their qualifications to deliver academic content.</li> </ol>	Arizona Department of Education/ CTE Division
Teacher Attrition	Scale up the Arizona Curriculum Consortium Professional Development effort for all new CTE teachers especially those entering teaching from industry.	Arizona JTED’s

High School Graduation and State University Admission Requirements – Crowding out CTE at the secondary level	<ol style="list-style-type: none"> <li>1. Integrate the Common Core into CTE programs.</li> <li>2. Recognition of Embedded Academic Credits in CTE by Arizona community colleges and universities.</li> </ol>	State Board of Education, Community College Boards, and the Arizona Board of Regents
Lack of Integration between Career Planning and Postsecondary Education	Identification of content consistent Career Awareness and Exploration experience for all students prior to the ninth grade. All students would enter the ninth grade with an Individual Career Plan.	Arizona Department of Education
Absence of Work-Based Learning Opportunities	Establish a State Business and Industry entity to determine best practices in expanding work experience opportunities for all students prior to graduation from high school and expanding business and industry participation in the state's CTE programs.	Arizona Chamber of Commerce
Uneven implementation and funding of dual-enrollment programs	Establish a state articulation agreement between the state's high schools, JTED's, community colleges and universities that provide a seamless system for students pursuing post-secondary education.	State Board of Education, Community College Boards, Arizona Board of Regents – Coordinating Champion Arizona Department of Education
Obtaining Industry-Recognized Credentials upon completion of CTE programs.	<ol style="list-style-type: none"> <li>1. Catalogue the industry credentials associated with the 16 career clusters.</li> <li>2. Establish criteria for evaluating the 'value' of the credential in terms of gaining and sustaining employment to the student.</li> <li>3. Begin measuring the attainment of industry credentials by CTE students and correlate that data with placement data.</li> </ol>	Arizona Department of Education/ Career and Technical Education Division
<b>ARIZONA PATHWAY CHALLENGES</b>	<b>POSSIBLE SOLUTIONS</b>	<b>CHAMPION</b>
Lack of a common definition of key terms like career ready, college ready, educational	Convene a stakeholders meeting to craft a common definition of key terms associated	Arizona Ready Council or the Center for Arizona's Future

success, seamless, pathways, work experience, career awareness, business and industry partnerships, etc.	with implementing multiple pathways to career and college success.	
There is no systematic career awareness and exploration experience for Arizona students prior to entering ninth grade resulting in an Individual Career Plan.	Establishment of content consistent Career Awareness and Exploration for all students prior to the ninth grade. Students would enter the ninth grade with an Individual Career Plan.	Arizona Department of Education
Not all educational pathways that lead to a person obtaining economic independence are currently equally valued by a variety of stakeholders like parents, students, business, etc.	Implement a data driven cultural shift campaign targeted at specific audiences whose intent is to communicate the multiple pathways that can lead to an individual obtaining economic independence.	Expect More Arizona
Insuring that ALL Career and Technical Education programs are of high quality both in terms of delivering a total program and alignment with career opportunities following completion, based on industry validated competencies and whenever possible linked to and industry recognized portable credential	Conduct a quality assessment of CTE programs in the state. Where deficiencies are found the school will be required to develop an improvement plan. Programs which fail to make improvements in two years will not be eligible for state or federal CTE funds.	Audit Tool – Arizona Department of Education Audit – Auditor General's Office
Lack of Data	Integrate a Statewide Longitudinal Data Collection System to measure CTE student performance and outcomes into the current state initiative to implement a comprehensive statewide data system for all of education.	Arizona Department of Education/State Superintendent
Insuring that all Pathways result in an educational experience normed with the very best in the world.	Review of the Common Core and Pathway competencies to insure they are normed with global career and college ready standards.	One of more of the following : Center for Arizona's Future, Arizona Department of Education, Morrison Institute
Insuring that the applied learning method associated with the delivery of quality CTE programs is applied to educational content of all kinds.	1. Utilizing professional development staff from the JTED's conduct professional development workshops for state K-12 educators on applied learning techniques for delivery of the Common Core and other academic	JTED's

	<p>content.</p> <p>2. In a similar fashion conduct applied learning methods workshops for professors in our state teacher education programs.</p>	
Enhancing business and industries involvement in improving the state's educational system including CTE programs.	Establish a State Business and Industry entity to determine best practices in business and industry involvement in the state's educational system.	Arizona Chamber of Commerce
Rural Arizona	Convene a Town Hall to identify how to insure quality CTE Pathways in rural and isolated part schools in the state.	Coordinated by Rural JTED's
Coordination of the Pathways and Morrison Report Challenges	Request Expect More Arizona to serve as the coordinating body for implementation of these solutions.	Expect More Arizona
Lack of models for addressing one or more of these challenges and plans for bring successful models to scale.	Secure public and private funding for establishing CTE Pathway models which are scalable.	Expect More Arizona